10/527163

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date 25 March 2004 (25.03.2004)

PCT

(10) International Publication Number WO 2004/024462 A1

- (51) International Patent Classification?: B42C 3/0, B31F 5/02, B43M 5/04, 3/04, B65D 27/02, B31B 41/00
- (21) International Application Number:

PCT/SE2002/001616

(81) Designated States (national): AE, AL, AM, AU, BA, BG, BR, CA, CN, CO, CR, CU, CZ, DM, DZ, EC, EE, GE, HR, HU, ID, IL, IN, IS, JP, KP, KR, LS, LT, LV, MA, MD, MK, MX, NO, NZ, PL, RO, RU, SG, SI, SK, UA, US, VN, YU, ZA.

(22) International Filing Date:

10 September 2002 (10.09.2002)

(84) Designated States (regional): European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR).

(25) Filing Language:

English

(26) Publication Language:

English

of inventorship (Rule 4.17(iv)) for US only

- (71) Applicant and
- (72) Inventor: KARLSSON, Olof [SE/SE]; Nyponvägen 14, S-69 147 Karlskoga (SE).
- Published:

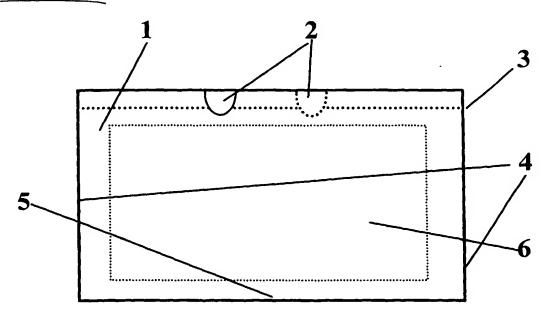
with international search report

Declaration under Rule 4.17:

(74) Agent: LUNDBERG, Erik; ERI-Konsult, Rågvägen 12, S-69 142 Karlskoga (SE).

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: METHODS AND ENVELOPES FOR RATIONAL SEALING OF DOCUMENTS AND INSERTS OF DIFFERENT KINDS IN ENVELOPES



(57) Abstract: This invention describes a method of sealing envelopes after inserting content. The sealing is done by embossing and the method is simple, fast and environmental friendly. Slightly modified conventional envelopes are used but there is no glue needed along the open edge. The sealing method may be used over the full scale from industrial inserting machines through office machines to simple home machinery .Also described is how envelopes may be produced from plain paper and used in industrial inserting machines. Finally the method may also be used to fix the position of credit cards, CD's and similar inserts in an envelope. It can also be used to reinforce a secure sealing of a conventional envelope.

